

FiveTon™ Epoxy Repair Patch

Product Description

FiveTon™ Epoxy Repair Patch is a three component, 100% Solids, epoxy, patch/resurfacer designed for repairing or resurfacing concrete surfaces subject to pedestrian, vehicular and steel-wheeled traffic. It's high impact and high flexural strength lend it a superior level of dependability in shallow repair or resurface applications where cement based products will commonly fail.

Features and Benefits

100% Solids Epoxy Resin (no fillers or solvents)

Easy Troweling

Gray Concrete-Like Color

NO SHRINKAGE

Greater than 10,000 PSI Strength

Will self-level when used as a slurry (less aggregate)

Recommended Applications

FiveTon™ Epoxy Repair Patch is recommended for all new and old interior/exterior concrete surfaces requiring repair, preservation or protection. Product should be coated with a coating to prevent chalking when used outdoors if appearance is critical. Can be used shallow 1/16" thick or for deeper repairs of several inches. Can be used to form small containment dikes, speed bumps, transition ramps or as a sacrificial layer to protect floors from heavy traffic or abuse.

Technical Data

Solids: 100%

VOC Level: 0

Dry time: 12-14 hours

Recoat time: 10-12 hours

Solvent Resistance: Good

Finish: Gloss/Textured

Compressive Strength: 11,500 psi

Appearance: opaque, low sheen

Abrasion Resistance: Excellent

Concrete Adhesion: Excellent

Foot traffic: 12-14 hours

Wheel traffic: 2-7 days

Application temp: 60-90 degrees f

Flexural Strength: 15,150 psi

Coverage Rates

Approx. 7 sq. ft. @ .25" thick for Small Unit

Approx. 16 sq. ft. @ .25" thick for Large Unit

Shelf-Life

This product has a one-year shelf life in an unopened container. Protect from freezing or extreme heat.

Packaging

3 gallon (small) & 5 gallon (large) bucket kits

Resin Mix Ratio: 4:1, (4 parts "A" to 1 part "B", by weight), product is packaged as it is to be mixed.

Legacy Industrial

570 Lake Cook Rd Ste 300, Deerfield, IL 60015

1-(888)-652-0333 - sales@legacyindustrial.co - legacyindustrial.co

Instructions for Use

All dirt, oil, dust, foreign contaminants and laitance must be removed to assure a trouble free application. Surface must not be wet or damp. Surface to be repaired should be ground with a suitable "grit" or diamond rich tool. Product (A&B) should be well mixed using a slow speed drill equipped with a jiffy mixing paddle or equal (2-minute rule), aggregate can be added adding an additional (1) minute to the mixing. Once mixed, product should be poured onto surface and spread out using a steel margin or masonry trowel. Press material into voids with good force to avoid hollow pockets. Edges should be butted up and not feathered for maximum strength. Once product is spread evenly it is acceptable to broadcast additional aggregate into the still wet resin for a non-skid effect. **Do not work from the mixing bucket, dump and go!** See our instruction sheet, found here: <https://s3.us-east-2.amazonaws.com/assets.legacyindustrial.co/instructions/fiveton-concrete-repair-patch-instructions.jpg>

Topcoats & Non-Skid profile: This product is able to accept topcoats of urethane, epoxy or paint. Apply topcoat within 24 hr. coating window post cure. Beyond 24 hrs. will require a de-gloss procedure. **This product is slippery when wet or oily.** If a non-skid profile is desired it is best to add a coating with non-skid (HDGRIP- SOFT SKID) added at the desired level to create the

Clean-Up

Use xylol or xylene.

An ammonia based glass cleaner can be used to keep your trowel clean while material is uncured.

Product Removal

Once cured product can be ground off if required.

Precautions and Limitations

Restrict the use of the floor to light traffic and non-harsh chemicals 24 hours has passed. Test cleaners before using on this product. This product was designed and tested for use on concrete surfaces.

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